



AGENDA SPECIAL MEETING

CLAYTON CITY COUNCIL and its FIRE SERVICES AD-HOC COMMITTEE

Monday, February 4, 2013

6:30 p.m.

*Hoyer Hall, Clayton Community Library
6125 Clayton Road, Clayton, CA 94517*

Mayor: Julie K. Pierce
Vice Mayor: Hank Stratford

Council Members

Jim Diaz
Howard Geller
David T. Shuey

- A complete packet of information containing staff reports and exhibits related to each public item is available for public review in City Hall located at 6000 Heritage Trail on Monday prior to the Council meeting.
- Agendas are posted at: 1) City Hall, 6000 Heritage Trail; 2) Library, 6125 Clayton Road; 3) Ohm's Bulletin Board, 1028 Diablo Street, Clayton; and 4) City Website at www.ci.clayton.ca.us
- Any writings or documents provided to a majority of the City Council after distribution of the Agenda Packet and regarding any public item on this Agenda will be made available for public inspection in the City Clerk's office located at 6000 Heritage Trail during normal business hours.
- If you have a physical impairment that requires special accommodations to participate, please call the City Clerk's office at least 72 hours in advance of the meeting at (925) 673-7304.

*** CLAYTON CITY COUNCIL ***
AND
FIRE SERVICES AD-HOC COMMITTEE

February 4, 2013

6:30 P.M.

1. CALL TO ORDER – Mayor Pierce.

2. CLOSED SESSION - None.

3. PUBLIC COMMENTS

Members of the public may address the City Council on items within the Council's jurisdiction, (which are not on the agenda) at this time. To facilitate the recordation of comments, it is requested each speaker complete a speaker card available on the Lobby table and submit it in advance to the City Clerk. To assure an orderly meeting and an equal opportunity for everyone, each speaker is limited to 3 minutes, enforced at the Mayor's discretion. When one's name is called or you are recognized by the Mayor as wishing to speak, the speaker shall approach the public podium and adhere to the time limit. In accordance with State Law, no action may take place on any item not appearing on the posted agenda. The Council may respond to statements made or questions asked, or may at its discretion request Staff to report back at a future meeting concerning the matter.

Public comment and input on Public Hearing, Action Items and other Agenda Items will be allowed when each item is considered by the City Council.

4. ACTION ITEM

- (a) Ad-Hoc Committee discussion of community impacts and consideration of alternatives caused by the partial (79%) closure of Fire Station No. 11 on Center Street by the Contra Costa County Fire Protection District commencing January 15, 2013.
(Council Members Diaz and Geller, Ad-Hoc Committee)**

1. Introduction of Council, Committee and City staff members present.
2. Review of Fire District's implementation plans for Fire Station No. 11.
3. Placement of existing Automated External Defibrillators (AEDs) in Clayton, identify other potential community locations, and City plans to become a "Heart Safe" Community in partnership with the Contra Costa County EMS Department.
4. Discuss opportunity for Clayton CERT Program to organize and hold CPR classes for community members.

5. Identification and discussion of alternative fire services/first-responder emergency medical services delivery models:
 - a. Continue communication with Fire District to restore full staffing at Fire Station No. 11.
 - b. Seek establishment of a municipal fire department.
 - c. Other service delivery options?

5. **ITEMS FOR FUTURE AD-HOC COMMITTEE MEETINGS**

6. **SET DATE FOR NEXT AD-HOC COMMITTEE MEETING**

7. **ADJOURNMENT** – The next City Council special meeting is Tuesday, February 5, 2013 at 5:00 p.m.
The next City Council regularly scheduled meeting is Tuesday, February 5, 2013 at 7:00 p.m.

Clayton Fire Station Plan:

Effective Date - January 15, 2013

Community Meeting – January 23, 2013

Operations:

- Engine Company – 11 will be de-staffed as a full-time functional unit.
- Engine Company – 22 (E-22) from Concord will relocate and respond from Fire Station – 11 (FS-11) in Clayton on Monday – Saturday each week from approximately 2:00 P.M. to 8:00 P.M. This facilitates maximum response flexibility during periods of heavy traffic congestion.
 - Times at FS-11 are subject to change due to response activities, training requirements, or other operational needs.
 - E-22 may relocate to FS-11 at other times based on events conducted at the Concord Pavilion or other special events in Clayton.
- A Type-3 wildland fire engine will remain stationed at FS-11 for E-22's crew to use as necessary.
- Crews from other fire stations will conduct area familiarization tours through the Clayton area periodically.
- The engine company from the Sunshine Fire Station (FS-51) will respond under automatic aid if they are the closest resource.
- American Medical Response (AMR) will be adjusting the "posting" locations for their ambulances in the near future to provide better coverage and response to the Clayton area.
- The County Emergency Medical Services Agency, AMR, and the Fire District are working to improve efficiencies in the EMS delivery system. This includes review of prioritization of calls, reducing calls to medical facilities that have trained staff on-duty, faster transfer of patients from ambulance crews to hospital staff, etc. This will increase the availability of existing resources for emergency incidents.
- Dispatch on-duty Clayton police officers to cardiac arrest incidents to facilitate rapid automatic external defibrillators (AED) use.
- The Fire District will continue to explore longer-term solutions such as an EMS-only response unit for peak time periods and other reserve/volunteer options.
- The Fire District will continue to monitor emergency incident call types, response times, availability of resources, and modify the operational plan in order to maximize service and coverage.

Facility:

- FS-11 will not be fully closed as it will be staffed from approximately 2:00 P.M. to 8:00 P.M. daily on Monday – Saturday.
- A security alarm system will be installed in FS-11 and utilized during periods when the facility is not staffed.
- The Fire District will continue to maintain the facility and surrounding grounds

Clayton Facts and Stats

- Clayton population = 10,897 people
- 525 per year Code 3 (lights and sirens) EMS calls per year or an average of about 1.4/day
- Average ambulance response time for the entire community over many years about 10 minutes.
- In 2012 the average AMR response time was 9.09 in urban Clayton and 15.14 minutes in rural Clayton.
- Fortunately only about 7-11% (36-57 per year) are “critical”
- Prioritizing deployment of fire calls allows fire first response to be available for the sickest patients.
- Countywide ambulances are first medical response approximately 10% of the time

Who are our sickest patients? Countywide data

- 1% are cardiac arrest (5 per year)
- 2% are stroke (10 per year)
- 6% are chest pain (31 per year)
- 8% are critical trauma (42 per year)

Protective measures

- Learn CPR and basic life support
- Know the early warning signs of heart attack and stroke
- Clayton PD has 3 AED's
- 6 Public Access AEDs
- Early recognition of heart attack and stroke
- Stroke and STEMI Systems of care (time is brain, time is muscle)
- EMS and Hospitals have cardiac arrest protocols that increase chances of survival
- Ambulance response times that reliably “exceed” response time requirements
- Dynamic deployment of ambulance resources
- Local hospitals who work hard to rapidly offload patients arriving by 911 so resources can return to availability
- Flu shot!!!

Clayton Fire Station-11 Closure Plan

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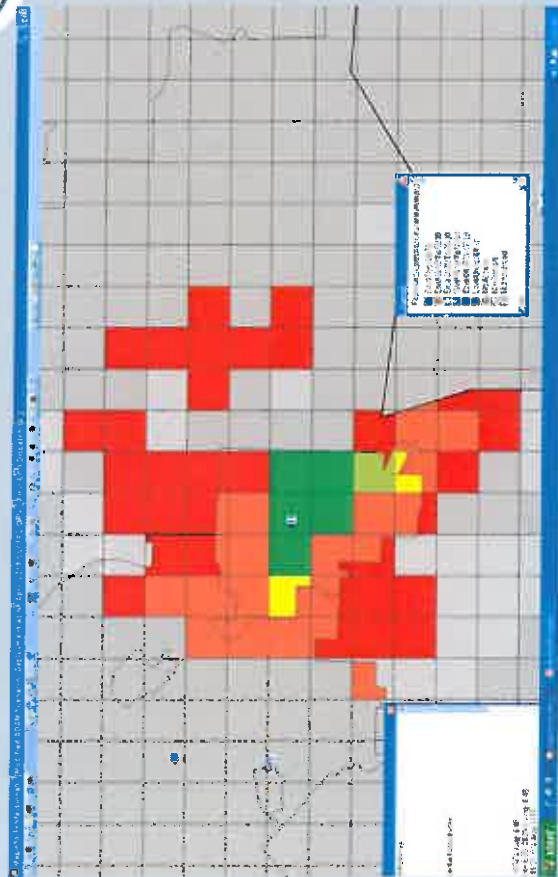
**CONTRA COSTA COUNTY
FIRE
PROTECTION DISTRICT**

Fire Station – 11 Statistics:

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- First-Due Incidents – 861 (11/1/11 – 10/31/12)
- Runs – 907
- Response Time – 6:34
- Calls per day in first-due area – 2.3
- Peak Activity – 8 A.M. to 8 P.M. (64%)
- Cost to operate station – \$2.8M





Incidents Analyzed: 618

First Unit Dispatch to Onscene <= 6:00 : 28.86%. Avg. 6:48.

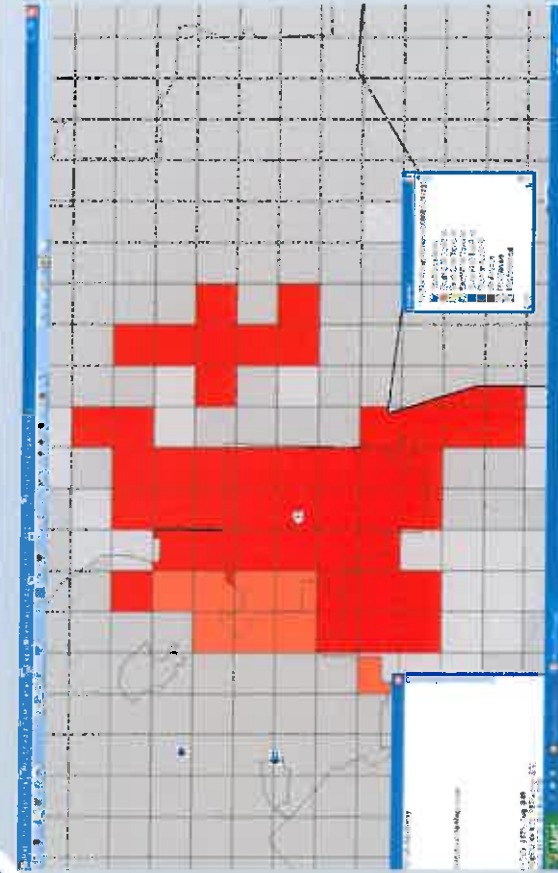
Incidents Analyzed: 6

First Unit Travel time Enroute to Onscene Within 4 Mins <= 4:00 : 39.33%. Avg. 4:24

First Unit Travel time Enroute to Onscene Within 5 Mins <= 5:00 : 72.17%. Avg. 4:24

First Unit Travel time Enroute to Onscene Within 6 Mins <= 6:00 : 83%. Avg. 4:24

First Engine Dispatch to Onscene <= 6:00 : 43%. Avg. 6:16.



Incidents Analyzed: 618

First Unit Dispatch to Onscene <= 6:00 : 3.17%. Avg. 8:49

Incidents Analyzed: 6

First Unit Travel time Enroute to Onscene Within 4 Mins <= 4:00 : 0.67%. Avg. 6:52.

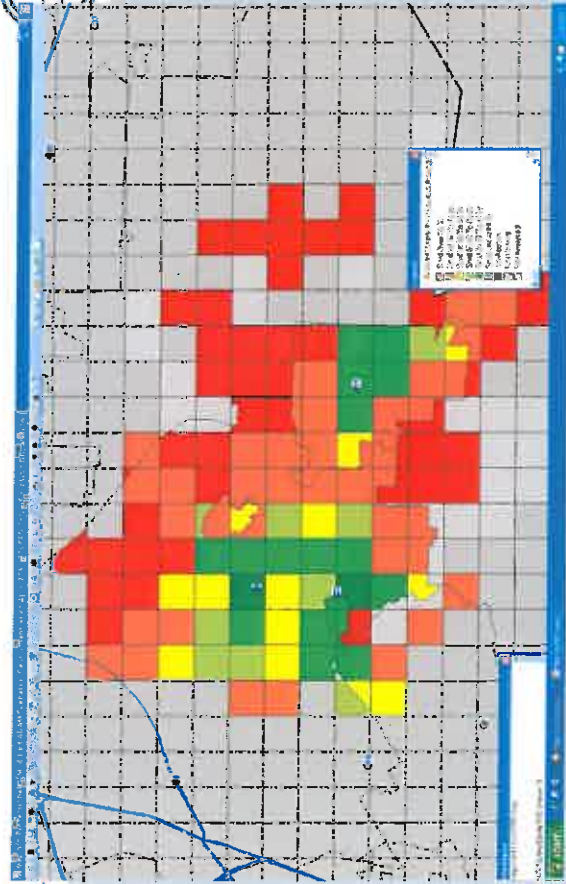
First Unit Travel time Enroute to Onscene Within 5 Mins <= 5:00 : 12.83%. Avg. 6:52.

First Unit Travel time Enroute to Onscene Within 6 Mins <= 6:00 : 42.5%. Avg. 6:52.

First Engine Dispatch to Onscene <= 6:00 : 1.33%. Avg. 8:44.

Fire Station 11

(with FS8 and 22)



Reducing Operational Impacts:

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- E-22 will staff FS-11 daily from approximately 2 P.M. – 8 P.M. on Monday - Saturday
- Unit from Fire Station-8 (Clayton Rd.), Fire Station-22 (Crystyl Ranch), or Fire Station-51 (Marsh Creek Rd.) will respond under automatic/mutual aid if they are the closest resource.
 - Station-8 – 3.3 miles away. 6-minute travel time
 - Station-22 – 3.6 miles away. 7-minute travel time
 - Station-51 – 5 miles away. 7-minute travel time
- Enhanced use of “dynamic deployment” or posting
- Reengineer training, apparatus maintenance, etc.

Reducing Operational Impacts Cont.

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- American Medical Response (AMR) will adjust the “posting” locations for their ambulances to provide better coverage and response to the Clayton area.
- County Emergency Medical Services Agency and partners are working to improve efficiencies in the EMS delivery system:
 - Review prioritization and types of calls
 - Reduce calls to facilities that have trained medical staff on duty
 - Expedite transfer of patients from ambulance crews to hospital staff
- This will increase the availability of existing resources for emergency incidents.

Ambulance Response Times

Code 3 (lights and sirens)

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Ambulance Response Statistics Clayton Citywide Ambulance Response Zone C 11:45 @90%

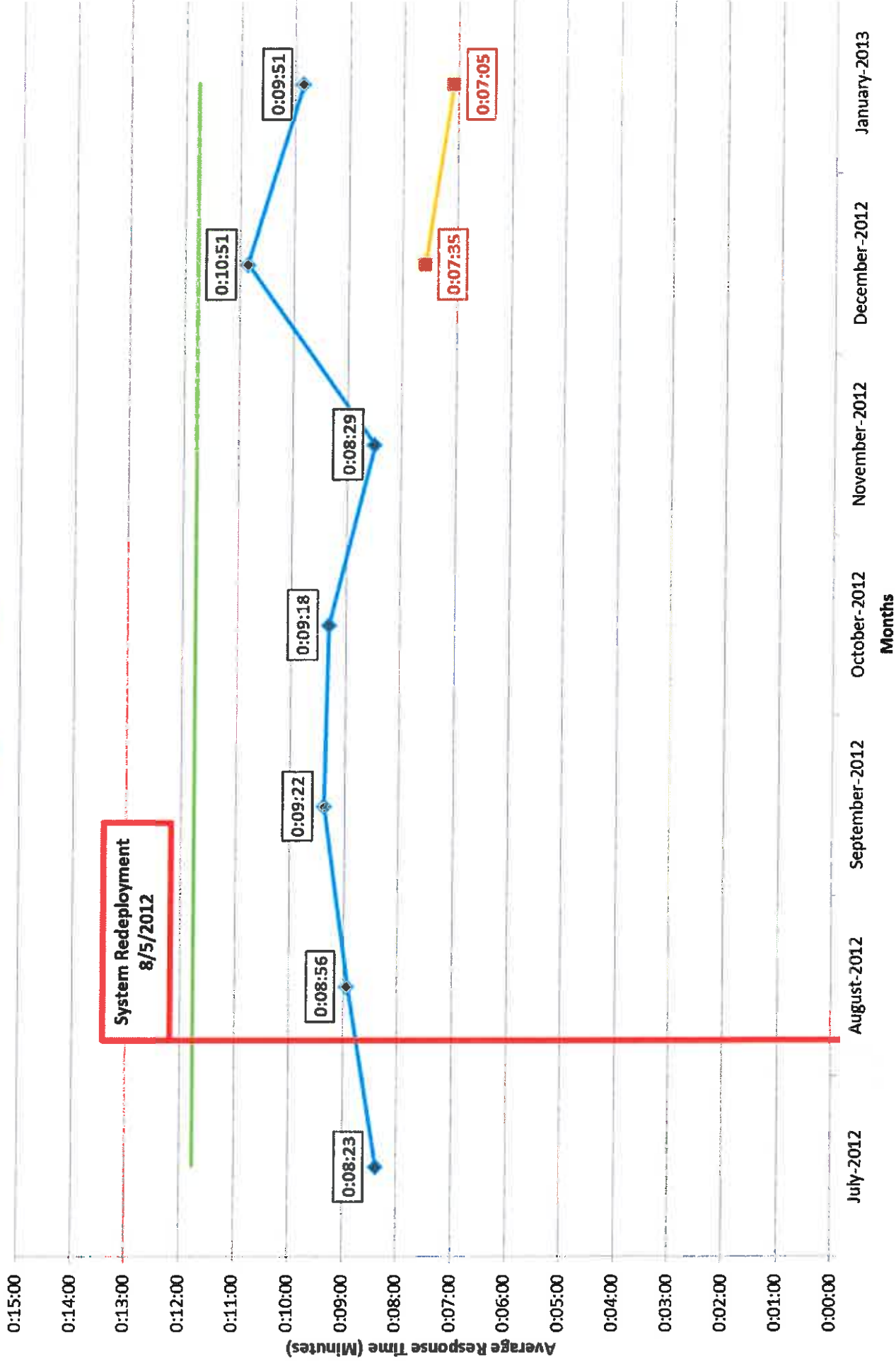
City	Jan-Nov 2012 AMR responses to affected areas	Average AMR responses day 2012	July 2012 YTD AMR monthly response average (min)	2007-2011 Citywide Average (min) EMS Agency Data
Clayton	395	1.2	9.09	9.75

Monthly AMR Average 911 Code 3 Response Times

City of Clayton (Urban)

7/1/2012 - 1/12/2013

AMR CLAYTON AMR Requirement

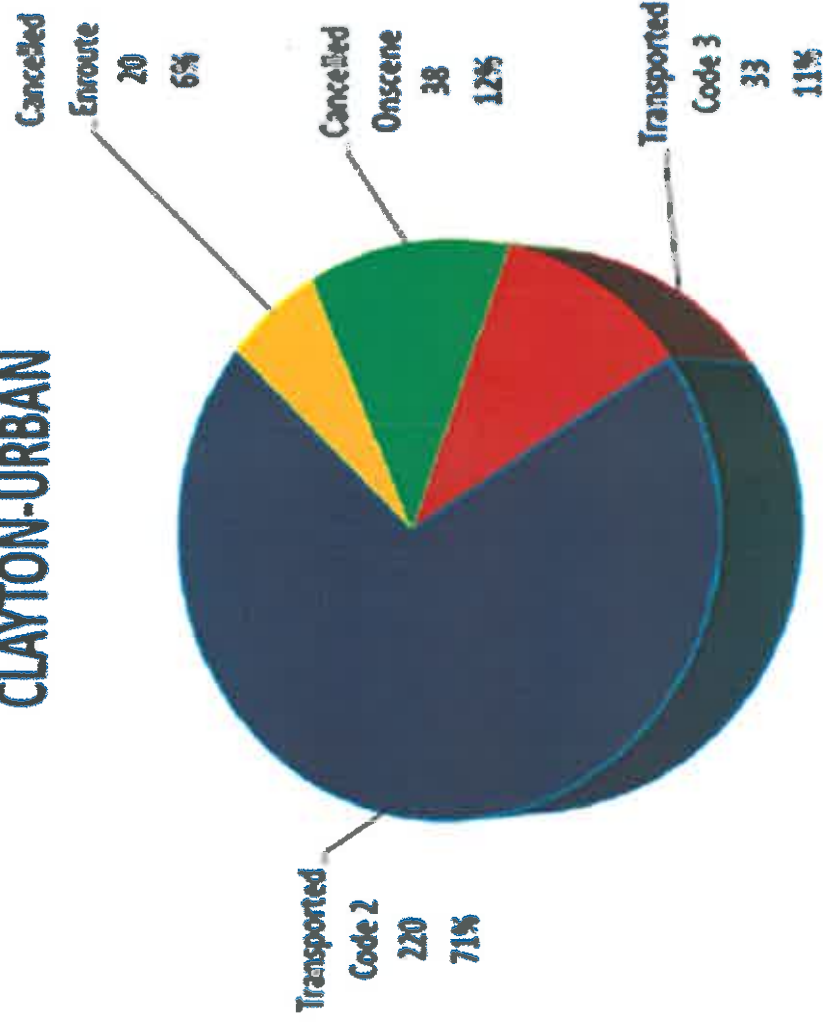


Not all Responses Result in Transport

AMR 911 Responses Code 3 (Lights and Sirens)

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CLAYTON-URBAN



EMS System Protective Measures

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- Provide CPR and basic life support training (*HeartSafe Communities*)
- Clayton PD has 3 AED's
- 6 Public Access AEDs
- Early recognition of heart attack and stroke
- Stroke and STEMI Systems of care (time is brain, time is muscle)
- Well established local Trauma System of over 20 years
- Evidenced based patient safety, medical quality and oversight
- EMS and Hospitals have cardiac arrest protocols that increase survival
- Ambulance response service reliably "exceeds" response time requirements
- Dynamic deployment of ambulance resources
- Local hospitals who work hard to rapidly offload patients arriving by 911 so resources can return to availability
- Flu shot!

Facility Issues:

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- FS-11 will be staffed on a limited basis Monday - Saturday
- A security alarm system will be installed in FS-11 and staff will monitor the facility.
- The Fire District will continue to maintain the facility and surrounding grounds



Home › EMS › Public Education › HeartSafe Community

HeartSafe Community

A *HeartSafe* Community is a community where all elements of the Chain of Survival are in place and there is a focus on improving the cardiovascular health of its citizens, thereby increasing the chances that anyone suffering a cardiovascular emergency will have the best possible chance for survival.



[Follow HeartSafe on Facebook!](#)

Communities throughout Contra Costa County are being invited to join the EMS Agency and the American Heart Association in making Contra Costa County a safer place to live, shop, work and play by challenging all of our communities to achieve *HeartSafe* Community designation. Information on how to achieve this designation can be found below.

How can you help? If you are not already trained in CPR taking a [CPR class \(cpr-resources.php\)](#) would be the best way to help your community. [Find a class near you](#)

http://www.heart.org/HEARTORG/CPRandECC/CPR_UCM_001118_SubHomePage.jsp

The following communities have already submitted their letters of intent to seek *HeartSafe* Community designation:

- Alamo *
- Bethel Island
- Blackhawk *
- Byron
- Concord
- Danville *
- Diablo *
- El Cerrito *
- El Sobrante
- Kensington *
- Knightsen
- Orinda
- Richmond
- San Ramon *



San Ramon Valley kicked off their quest for designation as a *HeartSafe* Community with the American Heart Association 5K Heart Walk on September 20, 2011.

* These communities have been designated as a “*HeartSafe* Community.”

Resources

- [HeartSafe Poster Cardiac Arrest](#) | [Spanish](#)
- [HeartSafe Poster Heart Attack](#) | [Spanish](#)
- [HeartSafe Poster Stroke](#) | [Spanish](#)
- [HeartSafe School Flyer](#)
- [HeartSafe Wallet Card](#) | [Spanish](#)
- [HeartSafe Brochure](#)
- [HeartSafe Application](#)
- [Frequently Asked Questions](#)



If you have additional questions, please contact Pam Dodson, Prehospital Care Coordinator at pam.dodson@hsd.cccounty.us (<mailto:pam.dodson@hsd.cccounty.us>)

[[help with PDF files](#)]



HeartSafe Community **Frequently Asked Questions**



What is a *HeartSafe Community*?

A *HeartSafe Community* is a community where all elements of the Chain of Survival are in place and there is a focus on improving the cardiovascular health of your citizens therefore, increasing the chances that anyone suffering a cardiovascular emergency will have the best possible chance for survival.

Why should my community be designated as *HeartSafe*?

To make your community a safer place to live, work, shop and play by being prepared and to reduce the number of deaths and disability associated with cardiac arrest.

Is there an application fee?

No.

What are the costs associated with meeting the criteria to become a *HeartSafe Community*?

The cost will vary depending on the characteristics of your community. Typical costs might include things such as CPR training and AED costs.

How long is the *HeartSafe Community* designation valid?

Two years.

Will an AED always resuscitate someone in cardiac arrest?

An AED will look at the electrical activity of the heart. If the electrical activity is “chaotic” and needs a shock the AED will indicate a shock should be delivered. If someone is in cardiac arrest and the AED does not indicate a shock, the AED will indicate that CPR should be continued. The survival rate from this type of event is less than 6% nationwide; so most people will not be successfully resuscitated. The goal of a *HeartSafe Community* program is to increase that survival rate by increasing community awareness and having a strong Chain of Survival in place.

Is the AED safe to use?

Absolutely! An AED is safe for anyone to use. The AED will not even look at the heart rhythm to determine if a shock is needed if the victim is breathing, therefore, it will not shock someone who doesn't need it. The AED is designed with multiple safeguards and warning before any energy is released making it very safe for the operator to use.

Can anyone buy an AED?

Yes, however, AEDs are manufactured and sold under guidelines approved by the FDA and require medical oversight.

How much does an AED cost?

There is a variety of AEDs available and the prices vary. A list of manufacturers and/or vendors is available on our website: cccems.org and in the EMS Agency Public Access Defibrillation packet. When a person is resuscitated, particularly a friend, coworker, or loved one, it's priceless!

What does training involve?

Training involves a course in CPR that includes instruction on the use of an AED. A list of training organizations is also available on our website and in the EMS Agency Public Access Defibrillation packet. Local CPR/AED course information is also available at 1-800-GIVE CPR or on our website: cccems.org

What if I am not trained?

If you come upon an unconscious victim and are not trained, it is of utmost importance to call 9-1-1. In Contra Costa County, emergency medical dispatchers will talk you through the steps of performing CPR and using an AED while emergency crews are on their way to you.

How can I help my community achieve *HeartSafe* Community designation?

If you are not already trained in CPR taking a CPR class would be the best way to help your community achieve this designation. Heartbeats are given for each CPR class with 6 or more students and for each AED placed in the community. A CPR class will teach you how to use an AED as well as the CPR. Both skills can help to save a life.


CONTRA COSTA
HEALTH SERVICES
Contra Costa County Emergency Medical Services
1340 Arnold Drive, Suite 126
Martinez CA 94553
(925) 646-4690

Do You Live In A *HeartSafe* Community?



If someone in your community suffers a sudden cardiac arrest today, how likely is he or she to survive?



**Will you, or someone else, recognize the signs of cardiac arrest and call 9-1-1 immediately?
The 9-1-1 dispatcher will need to know the nature of your call—
so be prepared to answer the dispatchers questions.**

Who in your community knows and is prepared to give CPR? Are you?

**Do you know what an Automated External Defibrillator (AED) is?
AEDs deliver a shock that can sometimes restore the heart to a normal rhythm.
If an AED is available will you be prepared to use it?**

**Your 9-1-1 call starts an advanced life support response
on the way to your emergency — care that they deliver
can be critical to the survival of cardiac patients.**

So how can you help? *Learn CPR!*

For a class near you — www.cccems.org or heart.org

Gary Napper

From: Thorsen, Chris (Clayton PD) <Chris.Thorsen@cityofconcord.org>
Sent: Tuesday, January 29, 2013 9:30 AM
To: gnapper@ci.clayton.ca.us
Subject: Info Regarding AED's

Sir,

There has been considerable hub bub regarding the closure of our fire station lately. Clayton City Council members have established an ad-hoc committee, they are exploring opportunities to mitigate some of the negative impacts of the closure. There has been considerable discussion regarding the inevitable increase in medical response times. Mostly those discussions have centered around heart attacks. On numerous occasions, citizens and professionals have stated the "window" for survival awaiting emergency treatment (CPR and AED deployment) is six minutes or less. After this time period, the victim will experience severe brain damage or death.

As you know, the City of Clayton Police Department has AED's in our patrol cars. Additionally there are AED's at several private businesses around our community. At the conclusion of the last meeting with the fire department representatives, we established a connection with representatives from the County Emergency Medical Services. County EMS and the American Heart Association sponsor a program entitled "Heart Safe Communities". In essence the program awards points for the number of AED's your community has available, the number of citizens trained in CPR and the access to emergency medical professionals.

Two members of our CERT Team have graciously stepped up and offered to coordinate our participation in the Heart Safe program. They will assess the number and location of existing AED's in our community. Additionally, they will coordinate training for our citizens in the use of AED's and the performance of CPR.

There is a possibility for us to obtain an AED from County EMS to augment the existing machines in our Community. Once we determine if there is an additional need for AED's we will look for donations, grants and other funding sources to purchase, deploy and handle the ongoing service/maintenance of the units.

In short, we are doing something to mitigate the loss of our local firefighters!

Chris Thorsen
Chief of Police
City of Clayton
6000 Heritage Trail
Clayton Ca, 94517
Ph. 925-673-7350

2012-13 Fire District's Allocated Tax Revenues by City

NOTE: The information below shows the base revenues allocated to Contra Costa Fire District for purposes of calculating their countywide apportionment factors. The dollars below do not represent the amount of property tax revenues apportioned to the Fire district within a City.

**Gross AB8
Base Revenue**

CCC Fire Protection

Antioch	10,535,763.05
Concord	14,746,414.71
Martinez	5,401,394.42
Pinole	10,851.49
Pittsburg	8,357,573.22
Walnut Creek	15,789,875.03
San Pablo	2,404,497.81
Pleasant Hill	5,571,214.65
Clayton	2,317,100.86
Lafayette	7,878,934.06
Unincorporated	16,218,115.51
Total	89,231,734.81

**Gross
RDA Loss**

CCC Fire Protection

Antioch	(1,065,794.50)
Concord	(1,744,734.34)
Martinez	0.00
Pinole	0.00
Pittsburg	(5,651,080.26)
Walnut Creek	(123,067.36)
San Pablo	(1,749,363.54)
Pleasant Hill	(538,505.64)
Clayton	(672,390.68)
Lafayette	(528,738.39)
Unincorporated	(1,752,766.34)
Total	(13,826,441.05)

Excerpt from City Staff Report to Clayton City Council (dated 15 January 2013):

As ConFire is a special district, annexations, reorganization or detachments from this special district are governed by and determined by the Contra Costa County Local Agency Formation Commission (LAFCO). This understanding is key in that any desire or attempt by the City of Clayton to establish its own municipal fire department (volunteer, paid, or combination thereof), or to contract with another fire district (e.g. East County Fire District or CalFire) in lieu of services provided by ConFire, or to form a Joint Powers Authority with other cities or public agencies to perform fire and emergency medical services, or to privatize municipal fire/emergency medical services within the incorporated area of Clayton, each of those options requires the approval of LAFCO for the city to “detach” itself from the ConFire special district. That decision rests solely with LAFCO.

In order for the city of Clayton to detach from the ConFire special district, the City must become the applicant to LAFCO and generate a Plan for Services that will study and provide answers as to the fiscal and service implications associated with its detachment. According to LAFCO personnel, the City must demonstrate its capability to provide comparable or equivalent fire and first-responder public services to the detached property owners. Among other considerations of LAFCO will be how the City intends to provide services to areas surrounding the City’s limits since its detachment will create “hole” in the contiguous area of ConFire (i.e. unincorporated areas or adjacent Concord neighborhoods), or address how its detachment will not further hinder ConFire’s capabilities to provide for those areas.

The City’s application for detachment to LAFCO would cost \$2,765 plus additional associated fees (e.g. \$50 County Recording Fee; \$1,100 deposit to the County Surveyor to review map and legal description of the new municipal service area; and a State Board of Equalization Fee). According to LAFCO personnel, it would take LAFCO approximately six (6) months to twelve (12) months from the time of the City’s application for LAFCO to render its review and decision. The City must negotiate with Contra Costa County, acting in behalf of the Fire District, concerning how much it would get to receive of the \$2.3 million base revenue in local property taxes now coming from Clayton to ConFire. However, subtract from that figure is \$672,390.68 still obligated to the former Clayton Redevelopment Agency for its prior debt issues. Therefore, at this time it is a **net \$1.65 million** at this time (approximately). It is likely in any scenario that ConFire would seek to retain a portion of that base revenue to supply mutual and/ automatic aid to the stand-alone municipal fire department in the event of backup services or significant fire alarm or accident calls.

In order to consider detachment from the ConFire special district, staff highly recommends the retention of outside consultants to guide and inform the City on the various considerations accompanying the establishment of a municipal fire department, and whether it is fiscally and logistically feasible. Staff contacted EPS in Berkeley, CA, which private firm has undertaken district and municipal reorganization work, to obtain a possible cost to hiring consultants to

assist the City in such deliberations. Using very rough indicators, EPS responded that a range of \$30,000 - \$50,000 is the likely cost associated with generating a Feasibility Study for the City on this idea. Within that initial range, EPS did indicate the first critical milestone on feasibility could cost \$10,000, at which point the City might have enough information to abandon its quest or continue with the Study. Upon completion of a full Feasibility Study, should the City decide to move forward with a LAFCO application for detachment, Phase II would commence which would include preparation of the LAFCO application, negotiation with the County over the reallocation of local property taxes to the City from ConFire, and assist the City in its representation of the its application to LAFCO. Phase II would require further funds than identified above.

Other elements of establishing a municipal fire department (or other hybrid) include the following public services presently provided by ConFire:

- a. Fire protection services (e.g. Fire Code plan checks; Fire Code building inspections)
- b. Fire suppression services (structural, wildland fires, toxic or vehicle accidents)
- c. Fire dispatch services
- d. Management personnel to oversee the operations (e.g. fire chief)
- e. A fire station (the City does not own Fire Station No. 11)
- f. Fire engines, apparatus, and associated equipment and supplies (capital assets)
- g. Mutual Aid and/or Automatic Aid (from other public entities)
- h. First-responder emergency medical services

Reducing Operational Impacts Cont.

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- The Fire District will continue to explore alternative solutions such as an EMS-only response unit for peak time periods and other reserve/volunteer options.
- The Fire District will continue to monitor emergency incident call types, response times, availability of resources, and modify the operational plan in order to maximize service and coverage.
- Residents should ensure smoke and carbon monoxide detectors are installed and functional, create defensible space around their homes, consider installation of residential sprinkler systems, and attend citizen CPR classes.

Long-Term/Strategic Solutions

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- Continue to control expenses
- New pension laws, elimination of terminal pay, etc. will reduce long-term costs
- Conduct joint County/Cities summit
- Explore EMS-only and other service delivery alternatives and partnerships
- Potential for SAFER grant application (stop-gap measure)
- Strategically evaluate station locations
- Seek additional revenue measures